

ABSTRACT

Described herein are methods for identifying and preparing bivalent binding molecules to 7 transmembrane G protein-coupled receptors. The methods disclosed
5 herein are based on the SELEX method for generating high affinity nucleic acid ligands. SELEX is an acronym for Systematic Evolution of Ligands by EXponential enrichment. The methods of this invention combine two or more binding domains to two or more different epitopes of the same 7 transmembrane G protein-coupled receptor. These bivalent binding molecules are useful as therapeutic and diagnostic agents.